· ·

Sheet 1 of

Sheet 101 1	3. #					
Form PTO-1449	DEPARTMENT OF COMMERCE	ATTY. DKT. NO.	SERIAL NO. 10/083,252			
Equivalent	PATENTAND TRADEMARK OFFICE	500.41295X00				
		APPLICANT				
INFORMAT	TION DISCLOSURE STATEMENT BY APPLICANT	T. KAWAGUCHI et al				
		FILING DATE	GROUP			
(Use s	several sheets if necessary)	Feb 27 2002 1763				

U.S. PATENT DOCUMENTS

Ex. In	itial	Doc. No.	Date	Name	Class	Subclass	Filing Date
	AA	6,171,438	01/2001	Masuda			
2	AB	6,084,763	7/2000	Hirano			
	AC						
	AD						
	AE						
	AF				-		
	AG						
	AH			· -			

U.S. PATENT APPLICATIONS

	Publication Number	Name	Publication Date
Al			
LA			
AK			
AL			

FOREIGN PATENT DOCUMENTS

		Doc. No.	Date	Country	Class	Subclass	Translation/Abstract?		
							Yes	No	
C	AM	2001-345311	12/2001	Japan			Abstract		
~	AN	11307519	11/99	Japan		†	Abstract		
1	AO	2224232	9/90	Japan			Abstract		
2	AP	8078339	3/96	Japan			Abstract		
	AQ						 		

OTHER DOCUMENTS

AR	
AS	
AT	
Examiner	Date Considered
h	3-31-05

	Sheet 1	of 1									
	Form PTO-1449		49 U.S. DEPA	U.S. DEPARTMENT OF COMMERCE		CE	ATT	Y. DKT. N	O. SERIAL NO.		
•	Equiva	lent	PATENT A	PATENT AND TRADEMARK OFFICE		500.41295X00		0 10/083,252			
SIPE	INFORMATION DISCLOSURE STA				rement.				PLICANT		
\o\'\ \\					IEMENI .			T. KA	WAGUCHI		
					no.()		FILING DA		ATE	GROUP	
DEC 1 6 2004	<u> </u>	(Use several sheets if necess							2002	1763	
λ	<u> </u>				ATENT DOCUMENTS						
C BADENIN'S	Ex. In		Doc. No.	Date		ame			Subclass	Filing Date	
	\ <u>\</u>	AA	6,171,438	01/2001	Masuda Hirano			<u> </u>			
	<u> </u>	AB	6,084,863	7/2000	l ni	rano		_	 		
		AC		 	 				 	ļ	
		AD									
		AE		 					 	<u> </u>	
		AG		 	 		<u>.</u>		 		
•		AH						-	-		
		1 711	· · -	IIS PAT	ENT APPL	ICAT	IONS	 }		<u>}</u>	
			Publication		Name				Publication Date		
		AI			74						
		AJ							 		
		AK							 		
		AL									
				FOREIGN F	PATENT D	ocu	MEN.	TS	_ 		
			Doc. No.	Date	Country Cla	Cla	ass Sul	Subclass	Translation/Abstract?		
									Yes	No	
		AM	2001-345311	12/2001	Japan				Abstrac	t	
	<u>\</u>	AN	11307519	11/99	Japan	•			Abstrac		
	~~	AO	2224232	9/90	Japan		<u> </u>		Abstrac		
	1	AP	8078339	3*96	Japan		 - -		Abstrac	τ	
	<u>.</u> .	AQ									
ı	-	45		ОТН	R DOCUM	ENI	<u>s</u>		·		
		AR									
		AS	· · · · · · · · · · · · · · · · · · ·		$\overline{}$						
		AT				\					
	Examin	· · · · - · ·			Data	Considered					
	0							Date	-011310E1E0		
		k				3-3	1-05				
l											